C

Solve $x^2 + 5x = 57$ to 1dp.

x	x^2+5x	Decision
5	50	too small

A

Given that y is directly proportional to x^2 and if $y = 12$ and $x = 2$. Calculate the value of y when $x = 5$.

C/B

Find the value of each of these expressions when a = 6 and b = 4

5(a – b)

b² – 3a

2a² – b³

A/A*

Year	7	8	9
Students	190	250	160

If I want a sample of 60 people how many do I chose from each year?

How would I select these people to make it unbiased?

B

Complete the table, which shows us the height of plants.

Height (cm)	frequency	Cumulative Frequency
1-10	23	
10-20		47
20-30	12	